CW#42: Area/Perimeter in the Coordinate Plane Pt. 2

Geometry

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

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| You will be able to find the area of shapes on a coordinate grid. | |
| Criteria for Success: Did you…   * Correctly plot the points on a graph * Identify the correct shape * Use the correct area formula * Use Pythagorean Theorem to find side lengths * Examine your answer: Does it answer the question? Does it make sense? Include units? | |
| 1. Find the area of rectangle ABCD with vertices at A(-3,0), B(3,2), C(4,-1), and D(-2,-3)   ../Images/Coordinate_Grid_XYAxis.PNG  Area =\_\_\_\_\_\_\_\_\_\_\_\_ | 1. ../Images/Coordinate_Grid_XYAxis.PNGQuadrilateral QBCD has vertices D(5,1), E(2,4), F(-4,4), and G(-1.1). Determine the area.   Area = \_\_\_\_\_\_\_\_\_\_\_\_ |

DID YOU FOLLOW THE CRITERIA FOR SUCCESS??

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| You will be able to find the area of shapes on a coordinate grid…Continued. DIRECTIONS: Complete the practice below in your notebook. | |
| Criteria for Success: Did you…   * Correctly plot the points on a graph * Identify the correct shape * Use the correct area formula * Use Pythagorean Theorem to find side lengths * Examine your answer: Does it answer the question? Does it make sense? Include units? | |
| 1. Square PQRS has vertices P(-3, 0), Q(0, 4), R(4, 1), and S(1, -3). Determine the area of the square | 1. Rectangle ABCD has vertices A (-3, -4), B (-1, 2), C (2, 1), and D (0, -5). Determine the area of the rectangle. |
| 1. Find the area of quadrilateral QFIZ that has vertices Q(2,-1), F(-1,-1), I(-2,-3), Z(1,-3). | 1. Quadrilateral USFW has vertices U(1,-3), S(-1,-2), F(-1,5), and W(1,-4). Find the area of USFW. |
| \*Want more practice or Still confused? Go to the Geometry wiki space for links to worked out solutions and more practice problems. | |

DID YOU FOLLOW THE CRITERIA FOR SUCCESS??

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| You will be able to find the perimeter of shapes on a coordinate grid. | |
| Criteria for Success: Did you…   * Correctly plot the points on a graph * Identify the correct shape * Use Pythagorean Theorem to find side lengths * Add up all sides of the shape * Examine your answer: Does it answer the question? Does it make sense? Include units? | |
| 1. Triangle ABC has vertices at A(1,-1), B(4,3), and C(5,-3). Find the perimeter of triangle ABC.   ../Images/Coordinate_Grid_XYAxis.PNG  Perimeter = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. ../Images/Coordinate_Grid_XYAxis.PNGQuadrilateral ABCD has vertices A(-3,0), B(2,4), C(3,1), and D(-4,-3). Find the perimeter of ABCD.   Perimeter = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

DID YOU FOLLOW THE CRITERIA FOR SUCCESS??

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| You will be able to find the perimeter of shapes on a coordinate grid…Continued. DIRECTIONS: Complete the practice below in your notebook. | |
| Criteria for Success: Did you…   * Correctly plot the points on a graph * Identify the correct shape * Use Pythagorean Theorem to find side lengths * Add up all sides of the shape * Examine your answer: Does it answer the question? Does it make sense? Include units? | |
| 1. Find the perimeter of the triangle ABC with vertices A(-3,1), B(1,3), and C(2,-4). | 1. Find the perimeter of the quadrilateral HUIR with vertices H(-5,-2), U(-4,3), I(-2,3), and R(0,-1). |
| 1. Find the perimeter of the quadrilateral KNDF with vertices K(0,-1), N(-1,-4), D(-3,-2), and F(-2,1). | 1. Find the perimeter of triangle ULF with vertices U(-3,0), L(-2,4), and F(-1,1). |
| \*Want more practice or Still confused? Go to the Geometry wiki space for links to worked out solutions and more practice problems. | |

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